

=> d hist full

(FILE 'HOME' ENTERED AT 15:36:57 ON 20 OCT 2006)

FILE 'REGISTRY' ENTERED AT 15:37:11 ON 20 OCT 2006

```
      SET LINE 250
      SET DETAIL OFF
      E "CHICAGO SKY BLUE 6B"/CN 25
      SET NOTICE 1000 SEARCH
L1      1 SEA ABB=ON  PLU=ON  "CHICAGO SKY BLUE 6B"/CN
      SET NOTICE 1 DISPLAY
      SET LINE LOGIN
      SET DETAIL LOGIN
      DIS L1 1 SQIDE
      SET NOTICE LOGIN DISPLAY
      SET NOTICE LOGIN SEARCH
      SET LINE 250
      SET DETAIL OFF
      E "EVANS BLUE"/CN 25
      SET NOTICE 1000 SEARCH
L2      1 SEA ABB=ON  PLU=ON  "EVANS BLUE"/CN
      SET NOTICE 1 DISPLAY
      SET LINE LOGIN
      SET DETAIL LOGIN
      DIS L2 1 SQIDE
      SET LINE 250
      SET DETAIL OFF
      E "EVANS BLUE"/CN 25
      E "DIRECT BLUE 15"/CN 25
L3      1 SEA ABB=ON  PLU=ON  "DIRECT BLUE 15"/CN
      SET LINE LOGIN
      SET DETAIL LOGIN
      DIS L3 1 SQIDE
      SET LINE 250
      SET DETAIL OFF
      E "DIRECT BLUE 15"/CN 25
      E "TRYPAN BLUE"/CN 25
L4      1 SEA ABB=ON  PLU=ON  "TRYPAN BLUE"/CN
      SET LINE LOGIN
      SET DETAIL LOGIN
      DIS L4 1 SQIDE
      SET LINE 250
      SET DETAIL OFF
      E "TRYPAN BLUE"/CN 25
      E "BENZOPURPURIN 4B"/CN 25
L5      1 SEA ABB=ON  PLU=ON  "BENZOPURPURIN 4B"/CN
      SET LINE LOGIN
      SET DETAIL LOGIN
      DIS L5 1 SQIDE
      SET LINE 250
      SET DETAIL OFF
      E "BENZOPURPURIN 4B"/CN 25
      E "CONGO RED"/CN 25
L6      1 SEA ABB=ON  PLU=ON  "CONGO RED"/CN
      SET LINE LOGIN
      SET DETAIL LOGIN
      DIS L6 1 SQIDE
      SET LINE 250
      SET DETAIL OFF
      E "CONGO RED"/CN 25
      E "RHODAMINE B"/CN 25
L7      1 SEA ABB=ON  PLU=ON  "RHODAMINE B"/CN
      SET LINE LOGIN
      SET DETAIL LOGIN
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DIS L7 1 SQIDE
SET LINE 250
SET DETAIL OFF
E "RHODAMINE B"/CN 25
E "RHODAMINE B BASE"/CN 25
L8      1 SEA ABB=ON  PLU=ON  "RHODAMINE B BASE"/CN
SET LINE LOGIN
SET DETAIL LOGIN
DIS L8 1 SQIDE
SET LINE 250
SET DETAIL OFF
E "RHODAMINE B BASE"/CN 25
E "RHODAMINE 123 HYDRATE"/CN 25
L9      1 SEA ABB=ON  PLU=ON  "RHODAMINE 123"/CN
SET LINE LOGIN
SET DETAIL LOGIN
DIS L9 1 SQIDE
SET LINE 250
SET DETAIL OFF
E "RHODAMINE 123 HYDRATE"/CN 25
E "RHODAMINE 6G"/CN 25
L10     1 SEA ABB=ON  PLU=ON  "RHODAMINE 6G"/CN
SET LINE LOGIN
SET DETAIL LOGIN
DIS L10 1 SQIDE
SET LINE 250
SET DETAIL OFF
E "RHODAMINE 6G"/CN 25
E "RHODAMINE 110"/CN 25
L11     1 SEA ABB=ON  PLU=ON  "RHODAMINE 110"/CN
SET LINE LOGIN
SET DETAIL LOGIN
DIS L11 1 SQIDE
SET LINE 250
SET DETAIL OFF
E "RHODAMINE 110"/CN 25
E "RHODAMINE 575"/CN 25
L12     1 SEA ABB=ON  PLU=ON  "RHODAMINE 575"/CN
SET LINE LOGIN
SET DETAIL LOGIN
DIS L12 1 SQIDE
SET NOTICE LOGIN DISPLAY
SET NOTICE LOGIN SEARCH
L13     0 SEA ABB=ON  PLU=ON  81-88-9/ANST

FILE 'CAPLUS' ENTERED AT 15:50:31 ON 20 OCT 2006
L14     1351 SEA ABB=ON  PLU=ON  81-88-9/ANST
L15     84 SEA ABB=ON  PLU=ON  L14 AND (HYDROXIDE OR ALKAL?)
L16     8 SEA ABB=ON  PLU=ON  L15 AND STAIN?
L17     3 SEA ABB=ON  PLU=ON  L16 AND (BACTERI? OR MICROORG? OR FUNG?)
D L17 IBIB ABS 1-3

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FILE 'REGISTRY' ENTERED AT 15:53:39 ON 20 OCT 2006
E 81-88-9

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L18     1 SEA ABB=ON  PLU=ON  81-88-9/RN

```

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 15:54:25 ON 20 OCT 2006
SEA L18 AND (HYDROX? OR ALKAL?)

```

0*  FILE ADISCTI
0*  FILE ADISINSIGHT

```

0* FILE ADISNEWS
 0* FILE AGRICOLA
 0* FILE ANABSTR
 0* FILE ANTE
 0* FILE AQUALINE
 0* FILE AQUASCI
 0* FILE BIOENG
 0* FILE BIOSIS
 0* FILE BIOTECHABS
 0* FILE BIOTECHDS
 0* FILE BIOTECHNO
 0* FILE CABA
 604 FILE CAPLUS
 0* FILE CEABA-VTB
 0* FILE CIN
 0* FILE CONFSCI
 0* FILE CROPB
 0* FILE DDFB
 3 FILE DDFU
 0* FILE DGENE
 0* FILE DISSABS
 0* FILE DRUGB
 0* FILE DRUGMONOG2
 4 FILE DRUGU
 0* FILE EMBAL
 0* FILE EMBASE
 0* FILE ESBIODBASE
 0* FILE FOMAD
 0* FILE FOREGE
 0* FILE FROSTI
 0* FILE FSTA
 0* FILE GENBANK
 0* FILE HEALSAFE
 0* FILE IFIPAT
 0* FILE IMSDRUGNEWS
 0* FILE IMSPRODUCT
 0* FILE IMSRESEARCH
 0* FILE JICST-EPLUS
 0* FILE KOSMET
 0* FILE LIFESCI
 0* FILE MEDLINE
 0* FILE NTIS
 0* FILE NUTRACEUT
 0* FILE OCEAN
 0* FILE PASCAL
 0* FILE PCTGEN
 0* FILE PHARMAML
 0* FILE PHIC
 0* FILE PHIN
 0* FILE PROMT
 0* FILE PROUSDDR
 0* FILE RDISCLOSURE
 0* FILE SCISEARCH
 0* FILE SYNTHLINE
 0* FILE TOXCENTER
 653 FILE USPATFULL
 63 FILE USPAT2
 0* FILE VETB
 1 FILE VETU
 0* FILE WATER
 0* FILE WPIDS
 0* FILE WPIFV
 0* FILE WPINDEX

D RANK
SEA L19 AND STAIN?

0* FILE ADISCTI
0* FILE ADISINSIGHT
0* FILE ADISNEWS
0* FILE AGRICOLA
0* FILE ANABSTR
0* FILE ANTE
0* FILE AQUALINE
0* FILE AQUASCI
0* FILE BIOENG
0* FILE BIOSIS
0* FILE BIOTECHABS
0* FILE BIOTECHDS
0* FILE BIOTECHNO
0* FILE CABA
21 FILE CAPLUS
0* FILE CEABA-VTB
0* FILE CIN
0* FILE CONFSCI
0* FILE CROPB
0* FILE DDFB
0* FILE DGENE
0* FILE DISSABS
0* FILE DRUGB
0* FILE DRUGMONOG2
0* FILE EMBAL
0* FILE EMBASE
0* FILE ESBIODBASE
0* FILE FOMAD
0* FILE FOREGE
0* FILE FROSTI
0* FILE FSTA
0* FILE GENBANK
0* FILE HEALSAFE
0* FILE IFIPAT
0* FILE IMSDRUGNEWS
0* FILE IMSPRODUCT
0* FILE IMSRESEARCH
0* FILE JICST-EPLUS
0* FILE KOSMET
0* FILE LIFESCI
0* FILE MEDLINE
0* FILE NTIS
0* FILE NUTRACEUT
0* FILE OCEAN
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0* FILE PROUSDDR
0* FILE RDISCLOSURE
0* FILE SCISEARCH
0* FILE SYNTHLINE
0* FILE TOXCENTER
226 FILE USPATFULL
20 FILE USPAT2
0* FILE VETB
1 FILE VETU
0* FILE WATER

L20

0* FILE WPIDS
0* FILE WPIFV
0* FILE WPINDEX
QUE ABB=ON PLU=ON L19 AND STAIN?

SEA L20 AND (BACTERI? OR MICROORG? OR FUNG?)

0* FILE ADISCTI
0* FILE ADISINSIGHT
0* FILE ADISNEWS
0* FILE AGRICOLA
0* FILE ANABSTR
0* FILE ANTE
0* FILE AQUALINE
0* FILE AQUASCI
0* FILE BIOENG
0* FILE BIOSIS
0* FILE BIOTECHABS
0* FILE BIOTECHDS
0* FILE BIOTECHNO
0* FILE CABA
5 FILE CAPLUS
0* FILE CEABA-VTB
0* FILE CIN
0* FILE CONFSCI
0* FILE CROPB
0* FILE DDFB
0* FILE DGENE
0* FILE DISSABS
0* FILE DRUGB
0* FILE DRUGMONOG2
0* FILE EMBAL
0* FILE EMBASE
0* FILE ESBIODBASE
0* FILE FOMAD
0* FILE FOREGE
0* FILE FROSTI
0* FILE FSTA
0* FILE GENBANK
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0* FILE IMSRESEARCH
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0* FILE NTIS
0* FILE NUTRACEUT
0* FILE OCEAN
0* FILE PASCAL
0* FILE PCTGEN
0* FILE PHARMAML
0* FILE PHIC
0* FILE PHIN
0* FILE PROMT
0* FILE PROUSDDR
0* FILE RDISCLOSURE
0* FILE SCISEARCH
0* FILE SYNTHLINE
0* FILE TOXCENTER
96 FILE USPATFULL
10 FILE USPAT2

0* FILE VETB
1 FILE VETU
0* FILE WATER
0* FILE WPIDS
0* FILE WPIFV
0* FILE WPINDEX

L21 QUE ABB=ON PLU=ON L20 AND (BACTERI? OR MICROORG? OR FUNG?)

D RANK

FILE 'USPAT2, CAPLUS, VETU' ENTERED AT 16:02:59 ON 20 OCT 2006

L22 16 SEA ABB=ON PLU=ON L21

L23 15 DUP REM L22 (1 DUPLICATE REMOVED)
D L23 IBIB ABS 1-15

FILE HOME

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 2610-05-1 REGISTRY
CN 1,3-Naphthalenedisulfonic acid, 6,6'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[4-amino-5-hydroxy-, tetrasodium salt (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN C.I. Direct Blue 1, tetrasodium salt (8CI)
CN Chicago Blue 6B (6CI)

OTHER NAMES:

CN Airedale Blue FFD
CN Amanil Sky Blue 6B
CN Amanil Sky Blue FF
CN Atlantic Resin Fast Blue LLGG
CN Atlantic Sky Blue 6B
CN Atlantic Sky Blue FF
CN Atul Direct Sky Blue FB
CN Azine Brilliant Blue 6B
CN Azocard Blue 6B
CN Belamine Sky Blue FF
CN Benzanil Sky Blue FF
CN Benzo Brilliant Blue 6BS
CN Brasilamina Sky Blue 6B
CN Brilliant Benzo Blue
CN Brilliant Benzo Blue 6BA-CF
CN Brilliant blue 6B
CN C.I. 24410
CN C.I. Direct Blue 1
CN Calcodur Blue 6GFL
CN Calcodur Resin Fast Blue 6G
CN Calcomine Sky Blue FF
CN Chicago Blue
CN Chicago Sky Blue
CN Chicago Sky Blue 6B
CN Chloramine Sky Blue FF
CN Chlorantine Fast Blue B 5GL
CN Chlorazol Sky Blue FF
CN Chrome Leather Sky Blue GS
CN Cresotine Blue 6B
CN Diacotton Sky Blue 6B
CN Diaphtamine Blue BS
CN Diazine Sky Blue FF
CN Diazol Pure Blue 6B
CN Diphenyl Brilliant Blue FF
CN Direct Azure Blue 6B
CN Direct Blue 1
CN Direct Blue 6B
CN Direct Blue 6BS
CN Direct Blue FF
CN Direct Bright Blue
CN Direct Brilliant Blue FF
CN Direct Brilliant Blue MFF
CN Direct Brilliant Sky Blue 6B
CN Direct Pure Blue 6B
CN Direct Pure Blue FF
CN Direct Pure Sky Blue
CN Direct Sky Blue 6B
CN Direct Sky Blue 6BS

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for DISPLAY

DR 755040-57-4

MF C34 H28 N6 O16 S4 . 4 Na

CI COM

LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE, HSDB*,

IFICDB, IFIPAT, IFIUDB, MEDLINE, PIRA, PROMT, RTECS*, SPECINFO,
TOXCENTER, USPAT2, USPATFULL

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

DT.CA Caplus document type: Conference; Journal; Patent; Report

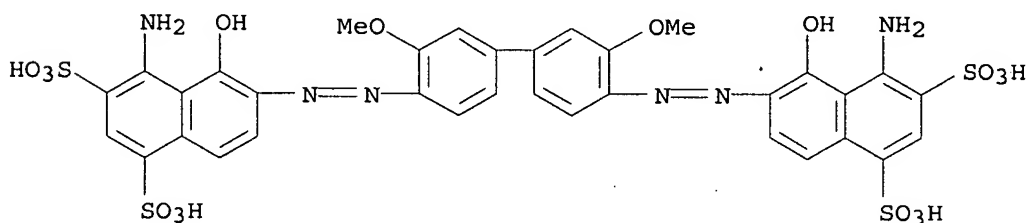
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
reagent); USES (Uses); NORL (No role in record)

RLD.P Roles for non-specific derivatives from patents: ANST (Analytical
study); BIOL (Biological study); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
study); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP
(Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in
record)

RLD.NP Roles for non-specific derivatives from non-patents: BIOL (Biological
study); PRP (Properties); USES (Uses)

CRN (3841-14-3)



● 4 Na

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

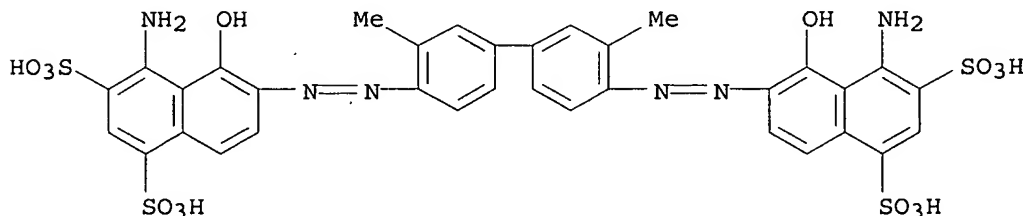
475 REFERENCES IN FILE CA (1907 TO DATE)

6 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

475 REFERENCES IN FILE CAPLUS (1907 TO DATE)

45 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 314-13-6 REGISTRY
 CN 1,3-Naphthalenedisulfonic acid, 6,6'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[4-amino-5-hydroxy-, tetrasodium salt (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Azovan Blue (6CI)
 CN C.I. Direct Blue 53, tetrasodium salt (8CI)
 OTHER NAMES:
 CN 4,4'-Bis[7-(1-amino-8-hydroxy-2,4-disulfo)naphthylazo]-3,3'-bitolyl tetrasodium salt
 CN C.I. 23860
 CN C.I. Direct Blue 53
 CN Diazol Pure Blue BF
 CN Direct Blue 53
 CN Evan's Blue
 CN Evans Blue
 CN T 1824
 DR 179472-53-8
 MF C34 H28 N6 O14 S4 . 4 Na
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, PIRA, RTECS*, SPECINFO, TOXCENTER, USAN, USPAT2, USPATFULL, VETU
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Book; Conference; Dissertation; Journal; Patent; Report
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)
 RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)
 CRN (6968-33-8)



● 4 Na

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

667 REFERENCES IN FILE CA (1907 TO DATE)

23 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
669 REFERENCES IN FILE CAPLUS (1907 TO DATE)
25 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 2429-74-5 REGISTRY
CN 2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[5-amino-4-hydroxy-, tetrasodium salt (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN C.I. Direct Blue 15 (8CI)
CN Direct Sky Blue (6CI)

OTHER NAMES:

CN Airedale Blue D
CN Aizen Direct Sky Blue 5B
CN Aizen Direct Sky Blue 5BH
CN Amanil Sky Blue
CN Atlantic Sky Blue A
CN Atul Direct Sky Blue
CN Azine Sky Blue 5B
CN Belamine Sky Blue A
CN Benzanil Sky Blue
CN Benzo Sky Blue A-CF
CN Benzo Sky Blue S
CN C.I. 24400
CN Cartasol Blue 2GF
CN Chloramine Sky Blue 4B
CN Chloramine Sky Blue A
CN Chrome Leather Pure Blue
CN Cresotine Pure Blue
CN Diacotton Sky Blue 5B
CN Diamine Blue 6B
CN Diamine Sky Blue
CN Diaphtamine Pure Blue
CN Diazol Pure Blue 4B
CN Diphenyl Brilliant Blue
CN Diphenyl Sky Blue 6B
CN Direct Blue 10G
CN Direct Blue 15
CN Direct Blue FFN
CN Direct Blue FFN-B 15
CN Direct Blue HH
CN Direct Lake Blue 5B
CN Direct Pure Blue
CN Direct Pure Blue M
CN Direct Sky Blue 5B
CN Direct Sky Blue A
CN Enianil Pure Blue AN
CN Fenamin Sky Blue
CN Hispamin Sky Blue 3B
CN Kayafect Blue Y
CN Kayaku Direct Sky Blue 5B
CN Mitsui Direct Sky Blue 5B
CN Naphtamine Blue 10G
CN Niagara Blue 4B
CN Niagara Sky Blue
CN Nippon Direct Sky Blue
CN Nippon Sky Blue
CN Nitto Direct Sky Blue 5B
CN Oxamine Sky Blue 5B
CN Paper Blue S

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for DISPLAY

DR 120146-64-7, 95032-75-0, 51568-94-6

MF C34 H28 N6 O16 S4 . 4 Na

CI COM

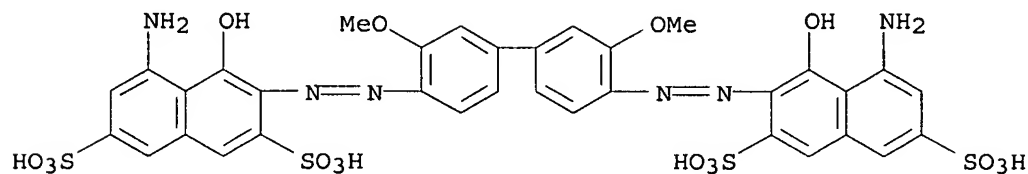
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, EMBASE, HSDB*, IFICDB,

IFIPAT, IFIUIDB, MEDLINE, MSDS-OHS, PROMT, RTECS*, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

DT.CA Caplus document type: Conference; Journal; Patent; Report
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PROC
(Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses);
NORL (No role in record)
RLD.P Roles for non-specific derivatives from patents: PREP (Preparation);
USES (Uses)
RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU
(Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT
(Reactant or reagent); USES (Uses); NORL (No role in record)
RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical
study)
CRN (16780-27-1)



● 4 Na

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

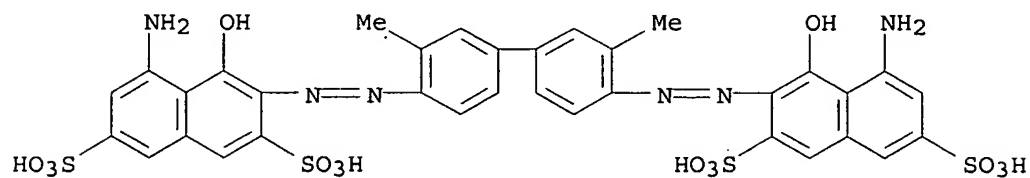
266 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
267 REFERENCES IN FILE CAPLUS (1907 TO DATE)
33 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 72-57-1 REGISTRY
 CN 2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[5-amino-4-hydroxy-, tetrasodium salt (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN C.I. Direct Blue 14, tetrasodium salt (8CI)
 CN Diphenyl Blue (6CI)
 OTHER NAMES:
 CN Amanil Sky Blue R
 CN Bencidal Blue 3B
 CN Benzamine blue
 CN Benzanil Blue 3BN
 CN Benzo blue
 CN Benzo Blue 3BS
 CN Blue 3B
 CN Blue EMB
 CN Brasilamina Blue 3B
 CN C.I. 23850
 CN C.I. Direct Blue 14
 CN Chloramine Blue 3B
 CN Chrome Leather Blue 3B
 CN Congo blue
 CN Cresotine Blue 3B
 CN Diamine Blue 3B
 CN Diamineblue
 CN Diaphtamine Blue TH
 CN Diazine Blue 3B
 CN Diazol Blue 3B
 CN Diphenyl Blue 3B
 CN Direct Blue 14
 CN Direct Blue 3B
 CN Direct Blue M 3B
 CN Hispamin Blue 3BX
 CN Naphthylamine blue
 CN Niagara Blue
 CN Niagara Blue 3B
 CN Paramine Blue 3B
 CN Pontamine Blue 3BX
 CN Sodium ditolyldisazobis-8-amino-1-naphthol-3,6-disulfonate
 CN Trypan (Congo) Blue
 CN Trypan blue
 CN Trypan Blue BPC
 CN Trypane blue
 DR 179472-55-0
 MF C34 H28 N6 O14 S4 . 4 Na
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CABA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, HSDB*, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, PIRA, PROMT, RTECS*, SCISEARCH, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Conference; Dissertation; Journal; Patent; Report
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses);

NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PRP (Properties); USES (Uses)

CRN (2538-83-2)



●4 Na

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1145 REFERENCES IN FILE CA (1907 TO DATE)

14 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

1149 REFERENCES IN FILE CAPLUS (1907 TO DATE)

43 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 992-59-6 REGISTRY
 CN 1-Naphthalenesulfonic acid, 3,3'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[4-amino-, disodium salt (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN C.I. Direct Red 2 (6CI)
 CN C.I. Direct Red 2, disodium salt (8CI)
 OTHER NAMES:
 CN Amanil Purpurine 4B
 CN Atul Direct Red 4B
 CN Azamin 4B
 CN Azocard Red 4B
 CN Bencidal Purple 4B
 CN Benzanil Purpurine 4B
 CN Benzopurpurin 4B
 CN Benzopurpurin B
 CN Benzopurpurine 4B
 CN Benzopurpurine 4BKX
 CN Benzopurpurine 4BX
 CN Brasilamina Red 4B
 CN C.I. 23500
 CN Calcomine Red 4BX
 CN Chrome Leather Red 4B
 CN Cotton Red 4B
 CN Diacotton Benzopurpurine 4B
 CN Diamine Purpurine 4B
 CN Diaphtamine Purpurine 4B
 CN Diazamine Purpurine 4B
 CN Diazine Red 4B
 CN Diazol Purpurine 4B
 CN Diphenyl Red 4B
 CN Diphenyl Red 4BS
 CN Direct Purpurine 4B
 CN Direct Purpurine M 4B
 CN Direct Red 2
 CN Direct Red 4A
 CN Direct Red 4B
 CN Direct Red DCB
 CN Eclipse Red
 CN Erie Benzo 4BP
 CN Erie Red 4B
 CN Fast Scarlet
 CN Hispamin Red 4B
 CN Kayaku Benzopurpurine 4B
 CN Mitsui Benzopurpurine 4BX
 CN Paper Red 4BS
 CN Phenamine Purpurine 4B
 CN Purpurin 4B
 CN Purpurine 4B
 CN Red 4B
 CN Tertrodirect Red 4B
 DR 70248-71-4, 179472-45-8
 MF C34 H28 N6 O6 S2 . 2 Na
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, EMBASE, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK*, MSDS-OHS, PIRA, PROMT, RTECS*, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Conference; Journal; Patent; Report
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); PROC (Process); PRP (Properties); USES (Uses); NORL

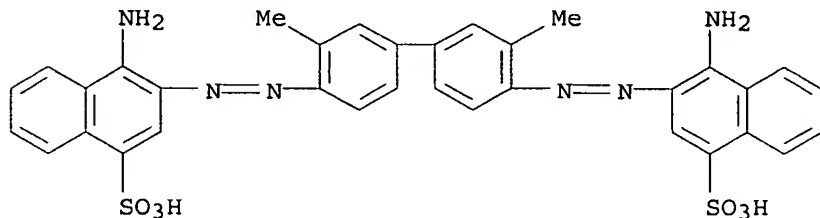
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RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); PREP (Preparation); PROC (Process); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); PREP (Preparation); PRP (Properties); USES (Uses)

CRN (1733-14-8)



●2 Na

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

335 REFERENCES IN FILE CA (1907 TO DATE)

10 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

335 REFERENCES IN FILE CAPLUS (1907 TO DATE)

36 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 573-58-0 REGISTRY
CN 1-Naphthalenesulfonic acid, 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis[4-amino-, disodium salt (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN C.I. Direct Red 28, disodium salt (8CI)

OTHER NAMES:

CN Atlantic Congo Red
CN Atul Congo Red
CN Azocard Red Congo
CN Benzo Congo Red
CN Brasilamina Congo 4B
CN C.I. 22120
CN C.I. Direct Red 28
CN Congo red
CN Congo Red 4B
CN Congo Red 4BX
CN Congo Red CR
CN Congo Red H
CN Congo Red K
CN Congo Red L
CN Congo Red M
CN Congo Red N
CN Congo Red R
CN Congo Red RS
CN Congo Red sodium salt
CN Congo Red W
CN Congo Red WS
CN Cotton Red 4BC
CN Cotton Red 5B
CN Cotton Red L
CN Diacotton Congo Red
CN Direct Congo Red
CN Direct Red 28
CN Direct Red C
CN Direct Red DC-CF
CN Direct Red K
CN Erie Congo 4B
CN Haemomedical
CN Haemonorm
CN Hemorrhagyl
CN Hispamin Congo 4B
CN Kayaku Congo Red
CN Mitsui Congo Red
CN Peeramine Congo Red
CN Red K
CN Solucongo
CN Sugai Congo Red
CN Tertrodirect Red C
CN Trisulfon Congo Red
CN Vondacel Red CL
DR 550-08-3, 70248-72-5, 87440-95-7
MF C32 H24 N6 O6 S2 . 2 Na
CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, PIRA, PROMT, RTECS*, SCISEARCH, SPECINFO, TOXCENTER, TULSA, USAN, USPAT2, USPATFULL, VETU

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

DT.CA Caplus document type: Conference; Dissertation; Journal; Patent; Report

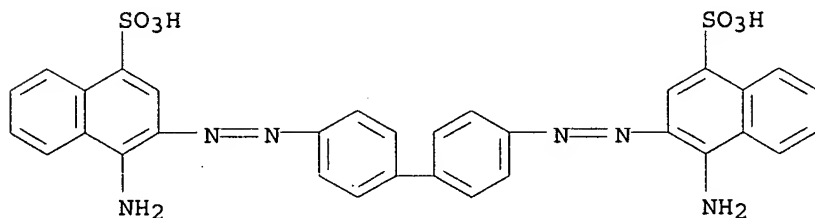
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PRP (Properties); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); CMBI (Combinatorial study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

CRN (14684-01-6)



● 2 Na

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2202 REFERENCES IN FILE CA (1907 TO DATE)
 72 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 2208 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 8 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 81-88-9 REGISTRY
CN Xanthylium, 9-(2-carboxyphenyl)-3,6-bis(diethylamino)-, chloride (9CI)
(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Ammonium, [9-(o-carboxyphenyl)-6-(diethylamino)-3H-xanthen-3-ylidene]diethyl-, chloride (8CI)

OTHER NAMES:

CN 11411 Red
CN ADC Rhodamine B
CN Aizen Rhodamine B
CN Aizen Rhodamine BH
CN Aizen Rhodamine BHC
CN Akiriku Rhodamine B
CN Basazol Red 71P
CN Basic Rose Extract
CN Basic Rose Red
CN Basic Violet 10
CN Basonyl Red 540
CN Basonyl Red 545
CN Basonyl Red 545FL
CN Brilliant Pink B
CN C.I. 45170
CN C.I. Basic Violet 10
CN C.I. Food Red 15
CN Calcozine Red BX
CN Calcozine Rhodamine BXP
CN Cerise Toner X 1127
CN D and C Red No. 19
CN D&C Red 19
CN D&C Red No. 19
CN Diabasic Rhodamine B
CN Edicol Supra Rose B
CN Edicol Supra Rose BS
CN Eriosin Rhodamine B
CN FD And C Red No. 19
CN Flexo Red 540
CN Hexacol Rhodamine B Extra
CN Ikada Rhodamine B
CN Japan Red 213
CN Japan Red No. 213
CN Mitsui Rhodamine BX
CN OP 312
CN Red No. 213
CN Rheonine B
CN Rhodamine 610 chloride
CN Rhodamine B
CN Rhodamine B 500
CN Rhodamine B 500 hydrochloride
CN Rhodamine B Extra
CN Rhodamine B Extra M 310
CN Rhodamine B Extra S
CN Rhodamine BA
CN Rhodamine BA Export
CN Rhodamine BN
CN Rhodamine BS
CN Rhodamine BX

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
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DR 850856-47-2, 859039-47-7, 875572-56-8, 433215-26-0, 11111-29-8,
53664-59-8, 3521-79-7, 105480-59-9, 69319-23-9, 86513-49-7, 86893-15-4,
248928-56-5, 408346-58-7, 412909-17-2, 539821-35-7

MF C28 H31 N2 O3 . Cl

CI COM

LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER, USPAT2, USPATFULL, VETU

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

DT.CA Caplus document type: Conference; Dissertation; Journal; Patent; Report

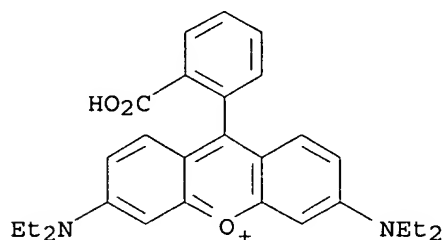
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RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

CRN (64381-98-2)



● Cl⁻

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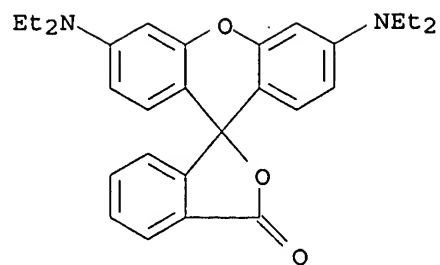
6183 REFERENCES IN FILE CA (1907 TO DATE)

393 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

6194 REFERENCES IN FILE CAPLUS (1907 TO DATE)

8 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

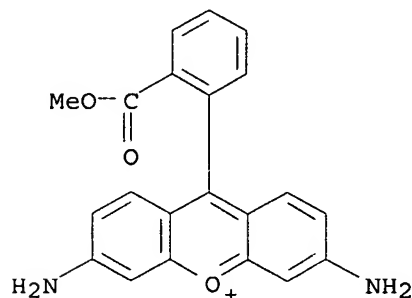
L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 509-34-2 REGISTRY
 CN Spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one, 3',6'-bis(diethylamino)-
 (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN C.I. Solvent Red 49 (7CI)
 CN Fluoran, 3',6'-bis(diethylamino)- (6CI, 8CI)
 OTHER NAMES:
 CN 3',6'-Bis(diethylamino)-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthene]
 CN Aizen Rhodamine B Base
 CN Aizen SOT Pink 1
 CN Baso Red 546
 CN Baso Red NB 546
 CN Certiquial Rhodamine
 CN Eljon Magenta Toner
 CN Fast Oil Pink B
 CN Lacquer Pink S
 CN Neptune Red Base 543
 CN Neptune Red Base NB 543LD
 CN NSC 43944
 CN Oil Pink 312
 CN Oil Pink 330
 CN Orient Oil Pink 312
 CN Orient Pink 312
 CN Rhodamine B base
 CN Rhodamine B Base Extra
 CN Rhodamine B Extra Base
 CN Rhodamine B lactone
 CN Rhodamine Base B
 CN Rhodamine Base B Extra
 CN Rhodamine Base FB
 CN Rhodamine S (Russian), lactone
 CN Rhodamine S lactone
 CN Solvent Red 49
 CN Waxoline Rhodamine B
 CN Waxoline Rhodamine BS
 DR 12262-50-9, 1326-02-9, 39277-78-6
 MF C28 H30 N2 O3
 CI COM
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST,
 CSCHEM, IFICDB, IFIPAT, IFIUIDB, MSDS-OHS, PIRA, SPECINFO, TOXCENTER,
 USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
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 DT.CA Caplus document type: Conference; Journal; Patent; Report
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
 PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
 reagent); USES (Uses)
 RLD.P Roles for non-specific derivatives from patents: PREP (Preparation);
 USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
 study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU
 (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT
 (Reactant or reagent); USES (Uses); NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical
 study); PROC (Process); PRP (Properties)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

364 REFERENCES IN FILE CA (1907 TO DATE)
8 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
364 REFERENCES IN FILE CAPLUS (1907 TO DATE)
6 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 62669-70-9 REGISTRY
 CN Xanthylium, 3,6-diamino-9-[2-(methoxycarbonyl)phenyl]-, chloride (9CI)
 (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Benzoic acid, 2-(6-amino-3-imino-3H-xanthen-9-yl)-, methyl ester,
 monohydrochloride
 OTHER NAMES:
 CN R 22420
 CN R 302
 CN RH 123
 CN Rhodamine 123
 DR 108608-81-7, 140686-88-0
 MF C21 H17 N2 O3 . Cl
 CI COM
 LC STN Files: ADISINSIGHT, AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS,
 BIOTECHNO, CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHEM, DDFU,
 DRUGU, EMBASE, IPA, MEDLINE, MSDS-OHS, PROMT, PROUSDDR, RTECS*,
 TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
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 DT.CA Caplus document type: Conference; Dissertation; Journal; Patent
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
 FORM (Formation, nonpreparative); PROC (Process); PRP (Properties); RACT
 (Reactant or reagent); USES (Uses)
 RLD.P Roles for non-specific derivatives from patents: ANST (Analytical
 study); BIOL (Biological study); PREP (Preparation); RACT (Reactant or
 reagent); USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
 study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP
 (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
 reagent); USES (Uses)
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical
 study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP
 (Properties); USES (Uses)
 CRN (104114-27-4)



● Cl⁻

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

809 REFERENCES IN FILE CA (1907 TO DATE)
 26 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 813 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 989-38-8 REGISTRY
 CN Xanthylium, 9-[2-(ethoxycarbonyl)phenyl]-3,6-bis(ethylamino)-2,7-dimethyl-, chloride (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Benzoic acid, o-[6-(ethylamino)-3-(ethylimino)-2,7-dimethyl-3H-xanthen-9-yl]-, ethyl ester, monohydrochloride (8CI)
 CN Rhodamine 6GCP (6CI)
 OTHER NAMES:
 CN Aizen Rhodamine 6GCP
 CN Basic Red 1
 CN Basonyl Red 482
 CN Basonyl Red 483
 CN C.I. 45160
 CN C.I. Basic Red 1
 CN Calcozine Red 6G
 CN Calcozine Rhodamine 6GX
 CN Eljon Pink Toner
 CN Exciton 590
 CN Fanal Pink B
 CN Fanal Pink GFK
 CN Fanal Red 25532
 CN Flexo Red 482
 CN Heliostable Brilliant Pink B extra
 CN Mitsui Rhodamine 6GCP
 CN NSC 36345
 CN Nyco Liquid Red GF
 CN R 634
 CN R 6G
 CN Rh 6G
 CN Rhodamin 6G
 CN Rhodamine 4GD
 CN Rhodamine 4GH
 CN Rhodamine 590 Chloride
 CN Rhodamine 5GDN
 CN Rhodamine 5GDN Extra
 CN Rhodamine 5GL
 CN Rhodamine 6G
 CN Rhodamine 6G chloride
 CN Rhodamine 6G Extra
 CN Rhodamine 6G Extra Base
 CN Rhodamine 6GB
 CN Rhodamine 6GBN
 CN Rhodamine 6GD
 CN Rhodamine 6GDN
 CN Rhodamine 6GDN Extra
 CN Rhodamine 6GEx ethyl ester
 CN Rhodamine 6GH
 CN Rhodamine 6GO
 CN Rhodamine 6GX
 CN Rhodamine 6JH
 CN Rhodamine 6JH-SA
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 CN Rhodamine 6Zh-DN
 CN Rhodamine F 5G
 CN Rhodamine F 5GL
 CN Rhodamine GDN
 ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
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 DR 162887-53-8, 126371-14-0, 23479-08-5, 102395-11-9, 66796-55-2,
 136590-25-5, 37317-74-1, 79818-96-5, 82853-32-5, 88491-15-0, 160336-35-6,
 201799-71-5, 226555-16-4, 232598-90-2, 539820-31-0
 MF C28 H31 N2 O3 . Cl
 CI COM

LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DRUGU, EMBASE, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

DT.CA Caplus document type: Conference; Dissertation; Journal; Patent; Preprint; Report

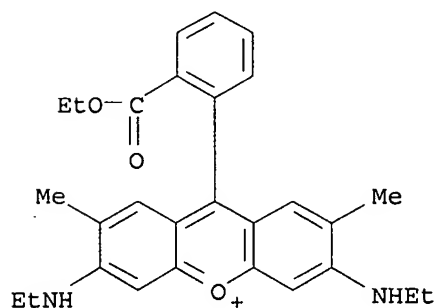
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

CRN (47724-48-1)

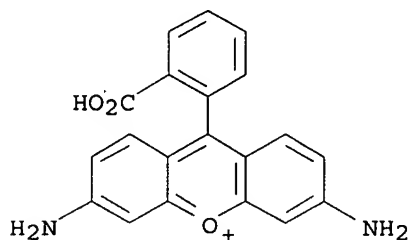


● Cl⁻

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5927 REFERENCES IN FILE CA (1907 TO DATE)
 129 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 5931 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 42 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L11 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 13558-31-1 REGISTRY
 CN Xanthylium, 3,6-diamino-9-(2-carboxyphenyl)-, chloride (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Benzoic acid, 2-(6-amino-3-imino-3H-xanthen-9-yl)-, monohydrochloride
 CN Benzoic acid, o-(6-amino-3-imino-3H-xanthen-9-yl)-, monohydrochloride (8CI)
 OTHER NAMES:
 CN R 110
 CN RH 110
 CN Rhodamine 110
 CN Rhodamine 560
 CN Rhodamine N
 DR 859178-00-0, 126371-12-8, 53239-83-1, 98655-71-1, 114984-30-4, 75496-29-6, 150526-51-5, 86303-44-8, 202589-04-6
 MF C20 H15 N2 O3 . Cl
 CI COM
 LC STN Files: ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, GMELIN*, MEDLINE, MSDS-OHS, PROMT, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Conference; Journal; Patent; Report
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC (Miscellaneous); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)
 RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)
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 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)
 CRN (82182-00-1)



● Cl⁻

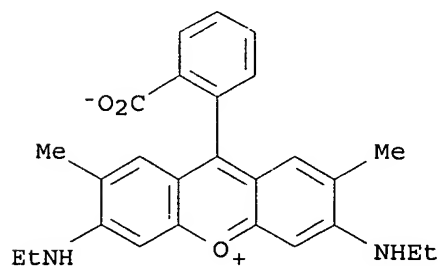
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

957 REFERENCES IN FILE CA (1907 TO DATE)

347 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

958 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L12 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 25152-49-2 REGISTRY
 CN Xanthylium, 9-(2-carboxyphenyl)-3,6-bis(ethylamino)-2,7-dimethyl-, inner salt (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Benzoic acid, o-[6-(ethylamino)-3-(ethylimino)-2,7-dimethyl-3H-xanthen-9-yl]- (8CI)
 CN Xanthylium, 9-(2-carboxyphenyl)-3,6-bis(ethylamino)-2,7-dimethyl-, hydroxide, inner salt
 OTHER NAMES:
 CN 9-(2-Carboxyphenyl)-2,7-dimethyl-3,6-bis(ethylamino)xanthylium
 CN Rhodamine 19 zwitterion
 CN Rhodamine 575
 DR 127193-46-8, 71124-03-3
 MF C26 H26 N2 O3
 LC STN Files: BIOSIS, CA, CAPLUS, CHEMCATS, CHEMLIST, CSCHEM, MEDLINE, TOXCENTER, USPATFULL
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Journal; Patent
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); RACT (Reactant or reagent); USES (Uses)
 RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); BIOL (Biological study); PROC (Process); USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); PRP (Properties); USES (Uses)



28 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 28 REFERENCES IN FILE CAPLUS (1907 TO DATE)